H-66248
PA 36-
9-75

THE PORT AUTHORITY OF NY & NJ

To Mr. C. A. Smith Room No.

From J. Milano Room No.

Date 6 / 5 / 79

cc: Messrs. Achitoff, DiPaolo, Feld, Levy, Sferrazza

Attached for your review is a copy of the NOAA Form #76-10, filed by CBS on behalf of the TV Broadcasters.

If you have any comments, please advise.

J. Milano

/sw

TM 1542 " "
Roof 1381' above MSL

REPORT OF RADIO TRANSMITTING ANTENNA
CONSTRUCTION, ALTERATION AND/OR REMOVAL

Purpose: To provide radio tower information promptly for use on aeronautical charts and related publications in the interest of SAFETY IN AIR NAVIGATION and to comply with the provisions of Section 17.57 of the FEDERAL COMMUNICATIONS COMMISSION RULES AND REGULATIONS, the attached PARTS 1 and 2 shall be completed and mailed at the time stipulated to the addressee indicated.

(See reverse side for definitions)

Detach and mail lower portions

PART 2 MAIL WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION AND/OR DISPOSITION OF TOWER

LOCATION OF TRANSMITTING ANTENNA (As shown on FCC authorization)

CITY OR TOWN	STATE	CALL SIGN	FREQUENCY
New York	NY	WCBS-TV	Ch. 2

ACTUAL OVERALL HEIGHT OF STRUCTURE ABOVE GROUND INCLUDING ANTENNA, LIGHT, ETC. 1730 ~~1720~~ FT.

DATE STRUCTURE COMPLETED: May 29, 1979

GROUND ELEV. ABOVE SEA LEVEL AT BASE OF STRUCTURE 312 FT.

DETERMINED BY [X] ACTUAL SURVEY [ ] MAP CONTOURS

(Explain other method under "Remarks")

LATITUDE: N 40° 42' 43"

LONGITUDE: W 74° 00' 49"

STRUCTURE: [X] PERMANENT [ ] TEMP [ ] NEW [ ] ALTERATION

IF OPERATING PREVIOUSLY GIVE DISPOSITION OF TOWER(S) AT FORMER SITE:

[ ] REMAIN STANDING AND NOT USED FOR TRANSMITTING

[ ] DISMANTLED: ESTIMATE DATE

(Explain under Remarks-note new ownership under Remarks)

OVERALL HEIGHT OF STRUCTURE ABOVE GROUND

LATITUDE

LONGITUDE

REMARKS

This is common antenna tower for TV Channels 2,4,5,7,9,11,31,41,47.
This form is filed in behalf of the above TV Stations.

NAME OF PERMITTEE OR LICENSEE: CBS Inc.

SERVICE: TV

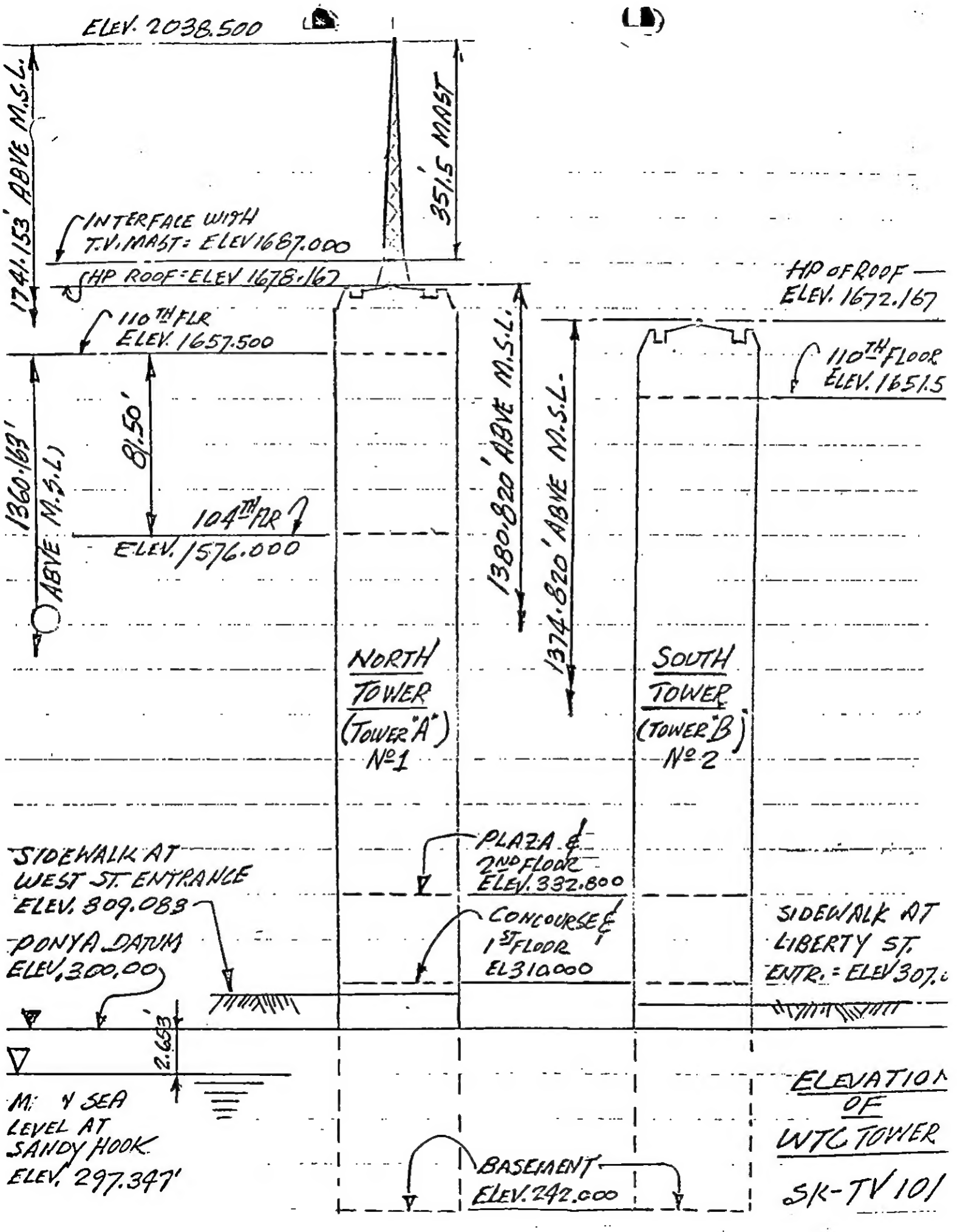
BY (Signature and title): DM Arnold Dir RF Eng

DATE: 6/14/78

PART 2

OVERAL ELEVATION

1742' MSL SANDY HOOK


ELEV. 2038.500
1741.153' ABOVE M.S.L.
351.5' MAST
INTERFACE WITH T.V. MAST = ELEV 1687.000
HP ROOF = ELEV 1678.167
HP OF ROOF ELEV. 1672.167
110TH FLR ELEV. 1657.500
110TH FLOOR ELEV. 1651.5
1360.163' ABOVE M.S.L.
81.50'
104TH FLR ELEV. 1576.000
1380.820' ABVE M.S.L.
1374.820' ABVE M.S.L.
NORTH TOWER (TOWER "A") №1
SOUTH TOWER (TOWER "B") №2
PLAZA & 2ND FLOOR ELEV. 332.800
SIDEWALK AT WEST ST. ENTRANCE ELEV. 309.083
CONCOURSE & 1ST FLOOR EL 310.000
SIDEWALK AT LIBERTY ST. ENTR. = ELEV 307.
PONYA DATUM ELEV. 300.00
2.693
M. H. W. SEA LEVEL AT SANDY HOOK ELEV. 297.347'
BASEMENT ELEV. 242.000
ELEVATION OF WTC TOWER
SK-TV 101

DATUM TABLE

Comparison of Datum Planes

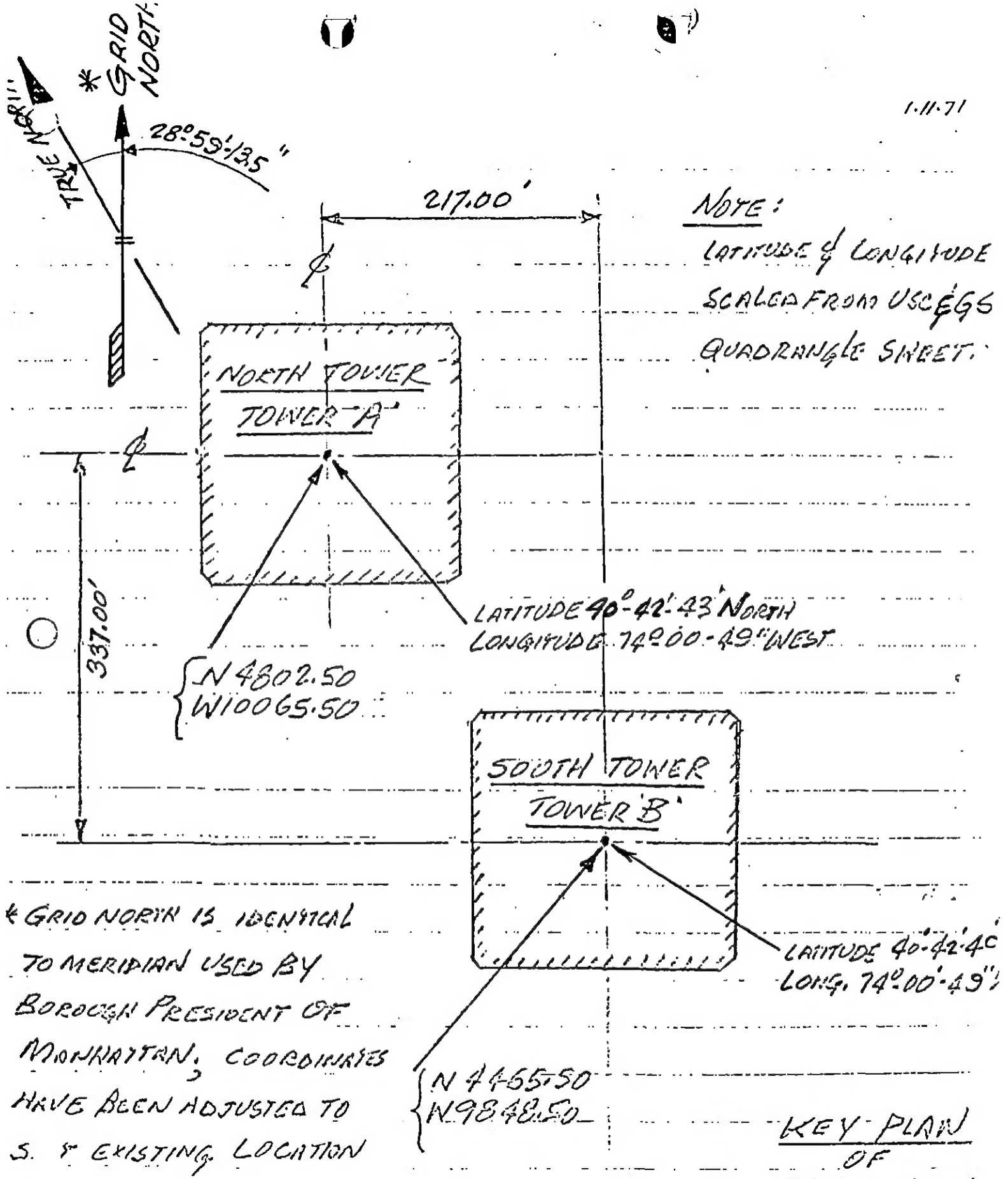
	A	B	DESCRIPTION
1	100.539	+ 3.192	Borough President of Richmond
2	100.097	+ 2.750	N.Y. Central R.R.
3	100.097	+ 2.750	Borough President of Manhattan
4	100.072	+ 2.725	LIRR Except Bayridge Div. & Tunnels
5	100.072	+ 2.725	Borough President of Queens
6	99.972	+ 2.625	Williamsburgh Bridge
7	99.955	+ 2.608	Borough President of Bronx
8	99.955	+ 2.608	New York, New Haven & Hartford R.R.
9	99.907	+ 2.560	Borough President of Brooklyn - Highways
10	99.646	+ 2.299	Queensborough Bridge
11	99.234	+ 1.877	Brooklyn Bridge
12	99.067	+ 1.720	Borough President of Brooklyn - Sewers
13	99.027	+ 1.680	Brooklyn Water Supply
14	99.025	+ 1.678	LIRR - Bayridge Division
15	99.024	+ 1.677	Manhattan Bridge
16	97.347	0	Board of Water Supply
17	97.347	0	USC 8c G Survey (Mean Sea Level, Sandy Hook)
18	97.347	0	Westchester County Park Comm.
19	96.561	- 0.786	Croton Aqueduct
20	95.244	- 2.103	Dept. of Marine & Aviation
21	95.244	- 2.103	New York Connecting R.R.
22	0	- 97.347	N.Y.C. Transit Authority (100-2653) *
23	199.928	- 297.275	Penn. Tunnels (2.275 = 300)
24	200.163	- 297.275	L.I. Tunnels of the Penn. R.R. (2.490 = 300)
25	202.653	- 300.000	Hudson 8c Man. R.R.
26	202.653	- 300.000	Narrows Tunnels
27			
28			
29			
30			

To obtain from any given foreign elevation the corresponding elevation referred to the Transit Authority datum plane: add to the given elevation the figure shown in Column A.

Column B shows datum in relation to U.S.C. 8c G. Survey datum.

*Elevation {300 of Port Authority / 100 of Transit Authority} is 2.653 ft. above Mean Sea Level at Sandy Hook.

1.11.71



NOTE:
LATITUDE & LONGITUDE SCALED FROM USC&GS QUADRANGLE SHEET.

* GRID NORTH IS IDENTICAL TO MERIDIAN USED BY BOROUGH PRESIDENT OF MANHATTAN. COORDINATES HAVE BEEN ADJUSTED TO S. & EXISTING LOCATION OF NYC CONTROL MONUMENTS

KEY PLAN OF WTC TOWERS

SK-TV102